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EXAMINER

DANG, HUNG Q

ART UNIT

PAPER NUMBER

2621

MAIL DATE

DELIVERY MODE

02/01/2010

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

DETAILED ACTION

Response to Arguments

Applicant's arguments filed 01/06/2010 have been fully considered but they are not persuasive.

On pages 11-13, Applicant argues that Suzuki fails to teach or suggest a calculation for the acceleration and deceleration because Suzuki fails to show that the "rearrangement" and "a calculation for the acceleration and deceleration" are one in the same and that details associated with the occurrence of a transition from a high-speed reproduction to a normal reproduction are not disclosed.

In response, Examiner respectfully submits that, first of all, Mishima discloses reproduction of data at various speed, e.g. from a normal speed to a high speed and from a high speed to a normal speed (see column 51, lines 42-45 and Fig. 56). In the case of reproduction being switched from a high speed reproduction to low speed reproduction, it automatically requires a transition (which is a transition from a high-speed reproduction to a normal reproduction) since each of the reproduction modes requires its own appropriate processing. In other words, when it comes to the normal speed reproduction, "rearrangement" is necessarily performed so that normal speed reproduction is conducted. As described in the Office Action, this "rearrangement" is "the calculation for the deceleration" in the case the speed is switched from high speed to normal speed and is "the calculation for the acceleration" in the case the speed is switched normal speed to high speed. Therefore, in contrast with Applicant's

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arguments, the “rearrangement” is a “calculation” (or they are one in the same) since “rearrangement” requires microprocessor’s processing.

Suzuki discloses in details such “rearrangements” in the cited sections. These “rearrangements” are necessary when it comes to the target playback speed. Therefore, there are always such “rearrangements” whenever transitions from one speed to another speed occur.

Applicant’s arguments on pages 14-18 are not persuasive for the same reason as discussed above.

Finally, Examiner respectfully submits that the feature of “a screen being divided into a number of areas during high-speed playback, the number being variable in accordance with the reproduction speed” is well known in prior art. As described in the Office Action, Suzuki also taught this feature at least in column 7, line 25 - column 8, line 3 and column 9, lines 25-37.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hung Q. Dang whose telephone number is (571)270-1116. The examiner can normally be reached on IFT.

If attempts to reach the examiner by telephone are unsuccessful, the examiner’s supervisor, THAI Q. TRAN can be reached on 571-272-7382. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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/Hung Q Dang/
Examiner, Art Unit 2621

/Thai Tran/
Supervisory Patent Examiner, Art Unit 2621